

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/009407

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F04D15/00 F04D13/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F04D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EP0-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 054 506 A2 (FRANKLIN ELECTRIC CO., INC) 22 November 2000 (2000-11-22) the whole document	1
A	DE 36 42 727 A1 (GRUNDFOS INTERNATIONAL A/S; GRUNDFOS INTERNATIONAL A/S, BJERRINGBRO, D) 23 June 1988 (1988-06-23) the whole document	1
A	US 5 772 205 A (COLDEBELLA ET AL) 30 June 1998 (1998-06-30) the whole document	1



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

& document member of the same patent family

Date of the actual completion of the International search

Date of mailing of the International search report

28 January 2005

04/02/2005

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Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1054506	A2	22-11-2000	US 6264431 B1
DE 3642727	A1	23-06-1988	NONE
US 5772205	A	30-06-1998	NONE